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(71)Applicant:

PAIK, JOON KI
SAMSUNG ELECTRONICS CO.,
LTD.

(72)Inventor:

PAIK, JOON KI

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(54) BLOCK BASED IMAGE PROCESSING METHOD AND APPARATUS

(57) Abstract:

PURPOSE: A block based image processing method and apparatus are provided to remove a blocking phenomenon generated when processing a block based image by using a space variable filtering based on an image recovering theory.

CONSTITUTION: A peaking direction detector(100) detects a peaking direction by each block of processed image signals. The first through S band pass filters(110,112,...,114) filter the processed image signals to S different bands. A signal selector(116) selects one of image signals of each block filtered by the first through S band pass filters (110,112,...,114) in response to the detected peaking direction. A signal synthesizer(118) synthesizes image signals of each block outputted from the signal selector(116) with one another and outputs the synthesized signal as an original signal a blocking phenomenon of which is removed.

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